

**REMARKS**

Claims 1-14 are pending in the application. Claims 2, 3, 5, 6, 8, 9 and 12-14 are rejected. Claims 1, 4, 7 and 10 -11 have been allowed. Claims 2, 3, 5, 6, 8, 9 and 12-14 have been cancelled.

Applicants wish to thank the examiner for indicating that base claims 1, 4, 7 and 10 as well as dependent claims 11 are allowed.

The drawings have been objected to for failing to show an optical amplifier that amplifies the downstream signals output from the wavelength division multiplexer and the upstream data services signals input to the wavelength division multiplexer. Similarly, dependent claims 2-3, 5-6, 8-9 and 13-14 are rejected under 35 U.S.C. § 112, first paragraph as failing to comply with the enablement requirement. In response, applicants have amended to claims to provide clarity and consistently in the claims.

In light of the cancellation of the claims, applicants believe that no modification of the drawings is necessary. Further, all rejections on claims 2, 3, 5, 6, 8, 9 and 12-14 are moot as they have been cancelled.



For all the foregoing reasons, it is respectfully submitted that all of the present claims are patentable in view of the cited reference. A Notice of Allowance is respectfully requested.

Respectfully submitted,

Steve Cha  
Registration No. 44,069

A handwritten signature in black ink, appearing to be "SC", written over a horizontal line.

By: Steve Cha  
Attorney for Applicant  
Registration No. 44,069

Date: October 25, 2006

Mail all correspondence to:

Steve Cha, Registration No. 44,069  
Cha & Reiter  
210 Route 4 East, #103  
Paramus, NJ 07652  
Tel: 201-226-9245  
Fax: 201-226-9246

Certificate of Mailing Under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Mail Stop Amendment, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 25, 2006.

Steve Cha, Reg. No. 44,069  
(Name of Registered Rep.)

A handwritten signature in black ink, appearing to be "SC", written over a horizontal line. Below the line, the text "(Signature and Date)" is printed.